

Figure 1

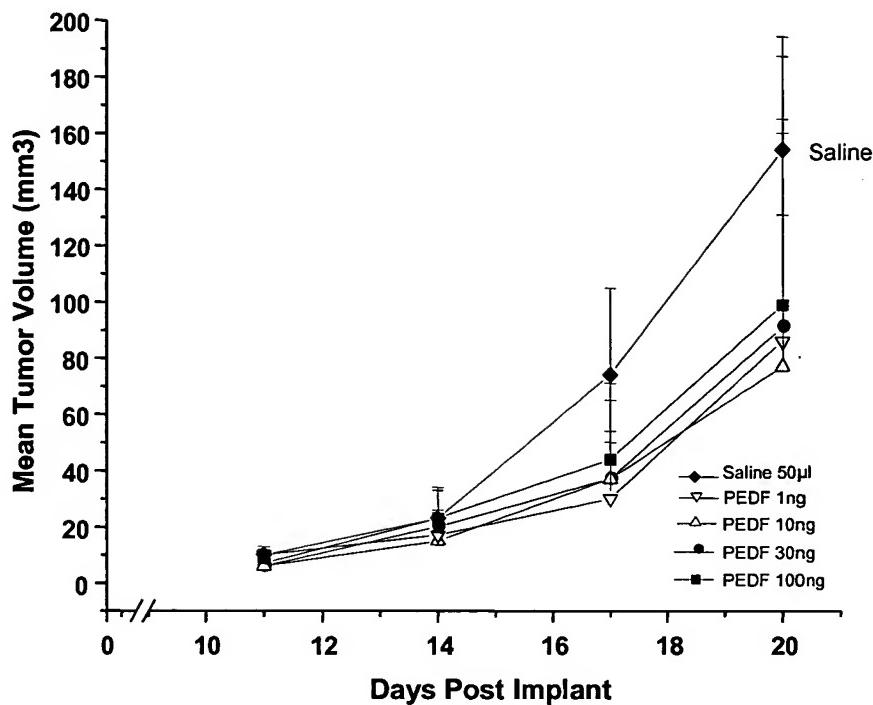


Figure 2

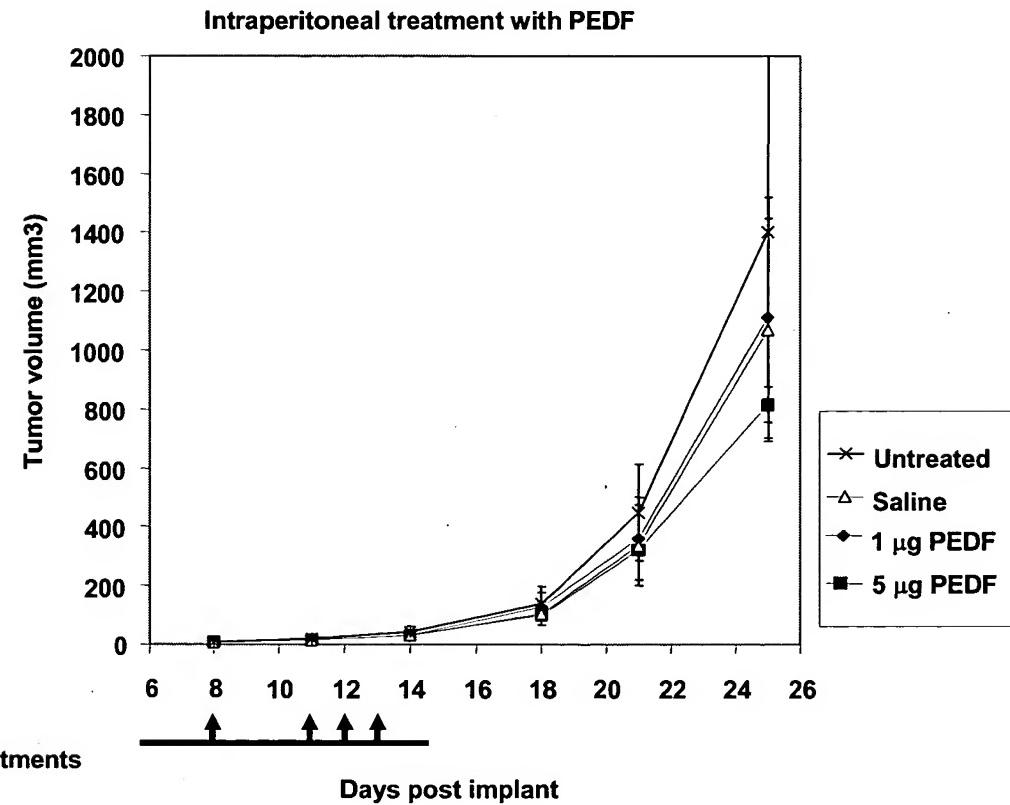


Figure 3

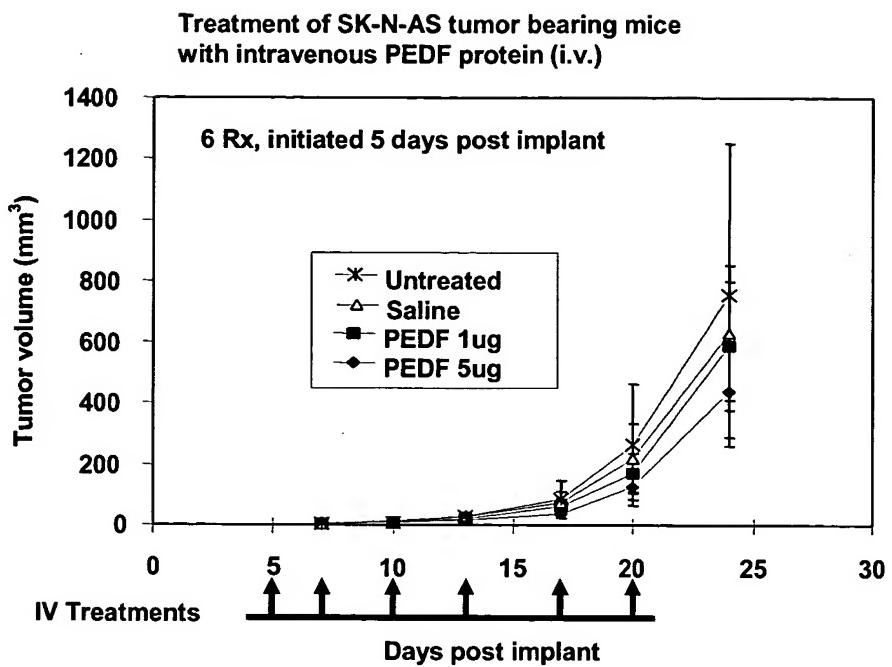


Figure 4

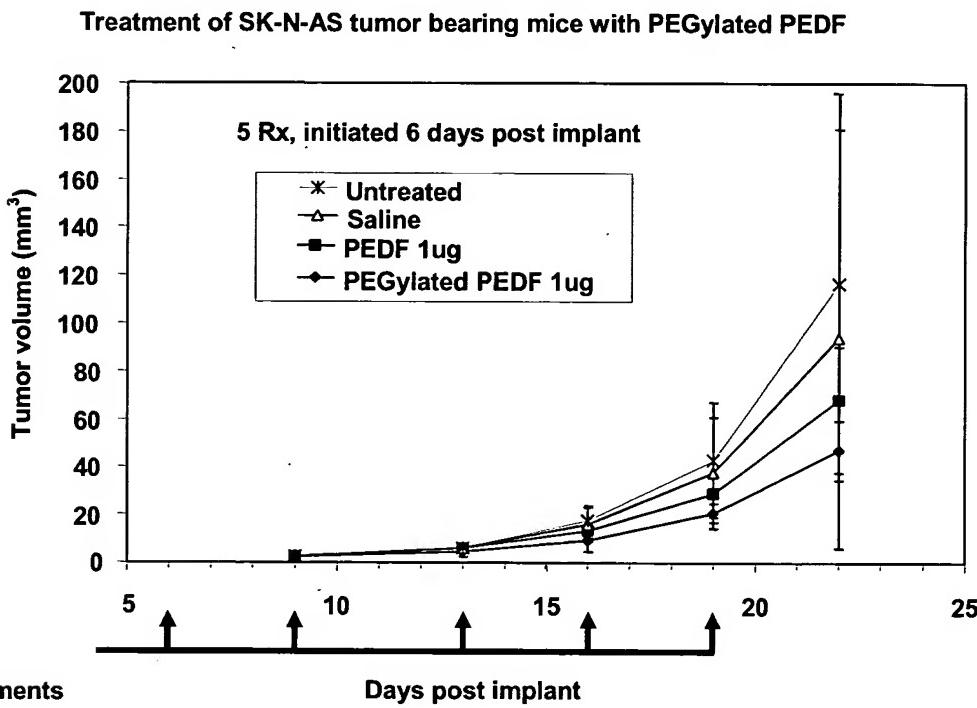


Figure 5

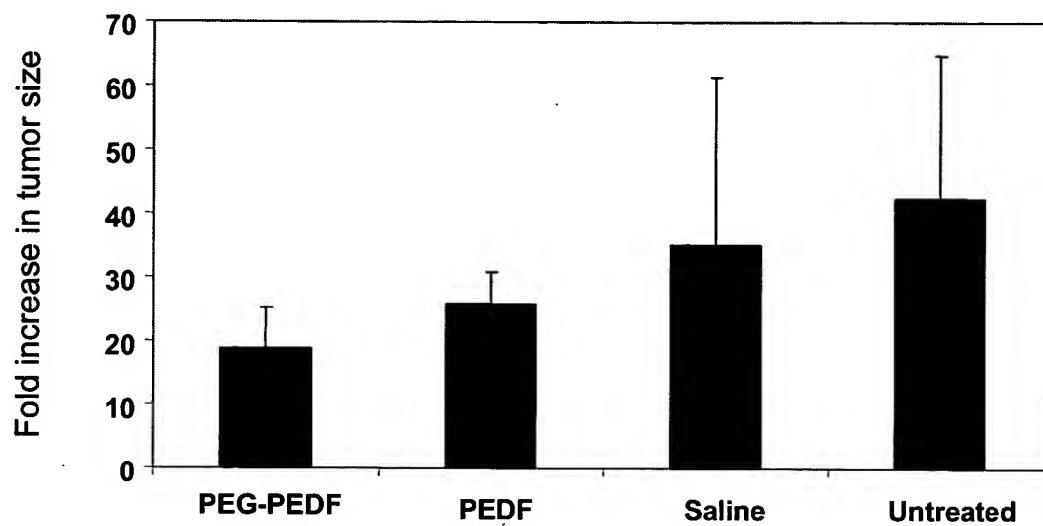


Figure 6

Human PEDF SEQ ID NO: 1

Signal sequence with predicted cleavage site
MQALVLLCI GALLGHSSC/Q

1 NPASPPEEGS PDPDSTGALV EEDPFFKVP VNKLAAAVSN FGYDLYRVRS
neurotropic activity and receptor binding
51 SMSPTTNVLL SPLSVATALS **ALSLGAEQRT ESTIIRHALYY DLISSPDIHG**
Potential collagen binding domain
101 TYKELLDVT APQKNLKSAS RIVFEKKLRI KSSFVAPEK SYGTRPRVLT
151 GNPRLDLQEI NNWVQAQMKG KLARSTKEIP DEISILLGV AHFKGQWVTK
free cysteine
201 FDSRKTSLED FYLDEERTVR VPMMSDPKAV LRYGLDSDLS CKIAQLPLTG
251 SMSIIFFLPL KVTQNLTLIE ESLTSEFIHD IDRELKTVQA VLTVPKLKLS
301 YEGEVTKSLQ EMKLQSLFDS PDFSKITGKP IKLTQVEHRA GFEWNEDG**A**G
RCL in italics from P14 - P10'
351 **TTPSPGLOPAHL/TFPLDYHL NQPFIFVLRD TDTGALLFIG KILDPRGP**
L/T = P1 protease cleavage site

Figure 7

Human maspin - SEQ ID NO: 2

No canonical signal

1 MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLS LAQVGAKGDT
51 ANEIGQVLHF ENVKDIPIFGF QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL
101 STEFISSTKR PYAKELETVD FKDKLEETKG QINNSIKDLT DGHFENILAD
151 NSVNDQTKIL VVNAAYFVGK WMKKFPESET KECFRLNKT DTKPVQMMNM
201 EATFCMGNID SINCKIIELP FQNKHLSMFI LLPKDVEDES TGLEKIEKQL
251 NSESLSQWTN PSTMANAKVK LSIPKFKVEK MIDPKACLEN LGLKHIFSED
ER retention signal in RCL (KDEL)
301 TSDFSGMSET KGVALSNVIH KVCLEITEDG GDSIEVPGAR/ILQHKDELNA
R/I = P1 protease cleavage site
351 DHPFIYIIRH NKTRNIIFFG KFCSP